

## CLAIMS

1. A tibial implant comprising:  
a plate having a bone contacting surface bisected by an anterior-posterior plane and at least one peg extending outwardly from said bone contacting surface, each of said pegs having a longitudinal axis angled with respect to said bone contacting surface, and angled at an angle of  $5^{\circ}$  to  $90^{\circ}$  with respect to said anterior-posterior plane.
2. The tibial implant as set forth in claim 1 wherein the implant has at least two pegs extending outwardly from said bone contacting surface.
3. The tibial implant as set forth in claim 2 wherein said longitudinal axis of both of each of said pegs are angled in the same angle with respect to the anterior-posterior plane.
4. The tibial implant as set forth in claim 3 wherein the implant has four pegs.
5. The tibial implant as set forth in claim 3 wherein the angle between the bone contacting surface and said peg axis is between  $30^{\circ}$  and  $85^{\circ}$ .
6. The tibial implant as set forth in claim 5 wherein the angle is between  $30^{\circ}$  and  $45^{\circ}$ .
7. The tibial implant as set forth in claim 3 wherein the peg axis angle with the anterior-posterior plane is between  $15^{\circ}$  and  $60^{\circ}$ .

8. The tibial implant as set forth claim 7 wherein the peg axis angle with the anterior-posterior plane is between  $30^{\circ}$  and  $45^{\circ}$ .

9. The tibial implant as set forth in claim 1 wherein the implant has at least two pegs and one peg of the at least two pegs extends into the area of the resected medial condyle of the tibia and one peg of the at least two pegs extends into the resected tibia in the area of the lateral condyle.

10. The tibial implant as set forth in claim 9 wherein the angle with the bone contacting surface is between  $30^{\circ}$  and  $45^{\circ}$ .

11. The tibial implant as set forth in claim 10 wherein the angle with the anterior-posterior plane is between  $15^{\circ}$  and  $60^{\circ}$ .

12. The tibial implant as set forth in claim 1 wherein the pegs are generally cylindrical.

13. The tibial implant as set forth in claim 1 wherein each peg has a conically tapered end portion and said plate has a conically tapered bore for receiving said tapered peg end portion.

14. An orthopedic implant comprising a body having a bone contacting surface and at least two pegs extending from said bone contacting surface, each of said pegs having a longitudinal axis angled with respect to said bone contacting surface and angled in at least two directions selected from the group of directions consisting of a medial or lateral

direction, an anterior or posterior direction and an inferior or superior direction.

15. The orthopedic implant as set forth in claim 14 wherein the implant is a glenoid component.

16. The orthopedic implant as set forth in claim 15 wherein said peg or angle with respect to an anterior-posterior plane angle is between  $15^{\circ}$  and  $60^{\circ}$ .

17. The orthopedic implant as set forth in claim 16 wherein the angle with respect to the bone contacting surface is between  $15^{\circ}$  and  $60^{\circ}$ .

18. The orthopedic implant as set forth in claim 15 wherein the pegs are generally cylindrical.

19. The orthopedic implant as set forth in claim 14 wherein the implant is a tibial implant.

20. The orthopedic implant as set forth in claim 19 wherein the bone contacting surface and said peg axis is between  $30^{\circ}$  and  $85^{\circ}$ .

21. The orthopedic implant as set forth in claim 20 wherein the angle is between  $30^{\circ}$  and  $45^{\circ}$ .

22. The orthopedic implant as set forth in claim 19 wherein the peg axis angle in a medial or lateral direction is between  $15^{\circ}$  and  $60^{\circ}$ .

23. The orthopedic implant as set forth in claim 19 wherein one peg of the at least two pegs extends into the area of the resected medial condyle of the tibia and

one peg of the at least two pegs extends into the resected tibia in the area of the lateral condyle the pegs being angled in the medial or lateral directions.

24. The orthopedic implant as set forth in claim 23 wherein a portion of the pegs which extend beyond said bone contacting surface are generally cylindrical.

25. The orthopedic implant as set forth in claim 14 wherein each peg has a conically tapered end and said body has a conically tapered bore for receiving said peg end.

26. A kit for a prosthetic knee implant comprising:

a plurality of different size tibial baseplates; and

a plurality of angled pegs having end portions for coupling to said baseplates and opposite end portion for engaging a prepared tibia.

27. The kit as set forth in claim 26 wherein each peg has a conically tapered end and said baseplates have conically tapered bore for receiving said peg end.